



Substitute for FORM 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number:	10/572,582
Filing Date:	July 13, 2007
First Named Inventor:	Bellur S. Prabhakar
Group Art Unit:	1636
Confirmation Number:	2864
Examiner Name:	Hibbert, Catherine S.
Attorney Docket Number:	21726-103049

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
	A G	WO	2005/037303	A1	Board of Trustees of the University of the University of Illinois	Apr. 28, 2005		

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
/C.H./	A H	Antignani et al., "How do Bax and Bak lead to permeabilization of the outer mitochondrial membrane?," <i>Current Opinion in Cell Biology</i> , 18: 685-689 (2006).		
/C.H./	A I	Barber et al., "Membrane Translocation of P-Rex1 is Mediated by G Protein Betagamma Subunits and Phosphoinositide 3-Kinase," <i>The Journal of Biological Chemistry</i> , 282 (41): 29967-29976 (2007).		
/C.H./	A J	Bhaskar et al., "The Two TORCS and Akt," <i>Developmental Cell</i> , 12: 487-502 (2007).		
/C.H./	A K	Brinkman et al., "Engagement of Tumor Necrosis Factor (TNF) Receptor 1 Leads to ATF-2- and p38 Mitogen-activated Protein Kinase-dependent TNF-alpha Gene Expression*," <i>The Journal of Biological Chemistry</i> , 274 (43): 30882-30886 (1999).		
/C.H./	A L	Brown et al., "MADD is highly homologous to a Rab3 guanine-nucleotide exchange protein (Rab3-GEP)," <i>Curr. Biol.</i> , 8 (6): R191 (1998).		
/C.H./	A M	Brunet et al., "Akt Promotes Cell Survival by Phosphorylating and Inhibiting a Forkhead Transcription Factor," <i>Cell</i> , 96 (43): 857-868 (1999).		
/C.H./	A N	Chow et al., "DENN, a novel human gene differentially expressed in normal and neoplastic cells," <i>DNA Sequence - The Journal of Sequencing and Mapping</i> , 6: 263-273 (1996).		
/C.H./	A O	Chow et al., "The human DENN gene: genomic organization, alternative splicing, and localization to chromosome 11p11.21-p11.22," <i>Genome</i> , 41: 543-552 (1998).		
/C.H./	A P	Cuevas et al., "Role of mitogen-activated protein kinase kinase kinases in signal integration," <i>Oncogene</i> , 26: 3159-3171 (2007).		
/C.H./	A Q	Datta et al., "Akt Phosphorylation of BAD Couples Survival Signals to the Cell-Intrinsic Death Machinery," <i>Cell</i> , 91: 231-241 (1997).		
/C.H./	A R	De Cesare et al., "Rsk-2 activity is necessary for epidermal growth factor-induced phosphorylation of CREB protein and transcription of c-fos gene," <i>Proc. Natl. Acad. Sci.</i> , 95: 12202-12207 (1998).		
/C.H./	A S	Del Villar et al., "Down Regulation of DENN/MADD, a TNF receptor binding protein, correlates with neuronal cell death in Alzheimer's disease brain and hippocampal neurons," <i>PNAS</i> , 101 (12): 4210-4215 (2004).		

EXAMINER

/Catherine Hibbert/

DATE CONSIDERED

02/27/2010

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).



Substitute for FORM 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 4

Complete if Known

Application Number:	10/572,582
Filing Date:	July 13, 2007
First Named Inventor:	Bellur S. Prabhakar
Group Art Unit:	1636
Confirmation Number:	2864
Examiner Name:	Hibbert, Catherine S.
Attorney Docket Number:	21726-103049

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
/C.H./	A T	Dhillon et al., "MAP kinase signaling pathways in cancer," <i>Oncogene</i> , 26: 3279-3290 (2007).		
/C.H./	A U	Dohi et al., "Compartmentalized Phosphorylation of IAP by Protein Kinase A Regulates Cytoprotection," <i>Molecular Cell</i> , 27: 17-28 (2007).		
/C.H./	A V	Du et al., "Smac, a Mitochondrial Protein that Promotes Cytochrome c-Dependent Caspase Activation by Eliminating IAP Inhibition," <i>Cell</i> , 102: 33-42 (2000).		
/C.H./	A W	Efimova et al., "IG20, a MADD Splice Variant, Increases Cell Susceptibility to gamma-Irradiation and Induces Soluble Mediators That Suppress Tumor Cell Growth," <i>Cancer Research</i> , 63: 8768-8776 (2003).		
/C.H./	A X	Garcia-Blanco et al., "Alternative splicing in disease and therapy," <i>Nature Biotechnology</i> , 22 (5): 535-546 (2004).		
/C.H./	A Y	Gardai et al., "Phosphorylation of Bax Ser184 by Akt Regulates Its Activity and Apoptosis in Neutrophils," <i>The Journal of Biological Chemistry</i> , 279 (20): 21085-21095 (2004).		
/C.H./	A Z	Goto et al., "A Novel Human Insulinoma-associated cDNA, IA-1, Encodes a Protein with "Zinc-finger" DNA-binding Motifs," <i>The Journal of Biological Chemistry</i> , 267 (21): 15252-15257 (1992).		
/C.H./	B A	Herdegen et al., "Inducible and constitutive transcription factors in the mammalian nervous system: control of gene expression by Jun, Fos and Krox, and CREB/ATF proteins," <i>Brain Research Reviews</i> , 28: 370-490 (1998).		
/C.H./	B B	Iwasaki et al., "The Rab3 GDP/GTP exchange factor homolog AEX-3 has a dual function in synaptic transmission," <i>The EMBO Journal</i> , 19 (17): 4806-4816 (2000).		
/C.H./	B C	Kalnina et al., "Alterations of Pre-mRNA Splicing in Cancer," <i>Genes, Chromosomes & Cancer</i> , 42: 342-357 (2005).		
/C.H./	B D	Kozielewski et al., "A model of the microtubule-kinesin complex based on electron cryomicroscopy and X-ray crystallography," <i>Current Biology</i> , 8: 191-198 (1998).		
/C.H./	B E	Lee et al., "Interaction of HCV core protein with 14-3-3xi protein releases Bax to activate apoptosis," <i>Biochemical and Biophysical Research Communications</i> , 352: 756-762 (2007).		
/C.H./	B F	Levivier et al., "uDENN, DENN, and dDENN: Indissociable Domains in Rab and MAP Kinase Signaling Pathways," <i>Biochemical and Biophysical Research Communications</i> , 287: 688-695 (2001).		
/C.H./	B G	Li et al., "Cytochrome c and dATP-Dependent Formation of Apaf-1/Caspase-9 Complex Initiates and Apoptotic Protease Cascade," <i>Cell</i> , 91: 479-489 (1997).		
/C.H./	B H	Li et al., "p53 regulates mitochondrial membrane potential through reactive oxygen species and induces cytochrome c-independent apoptosis blocked by Bcl-2," <i>The EMBO Journal</i> , 18 (21): 6027-6036 (1999).		
/C.H./	B I	Li et al., "Phosphorylation by Protein Kinase CK2: A Signaling Switch for the Caspase-Inhibiting Protein ARC," <i>Molecular Cell</i> , 10: 247-258 (2002).		

EXAMINER

/Catherine Hibbert/

DATE CONSIDERED

02/27/2010

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).



Substitute for FORM 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 4

Complete if Known

Application Number:	10/572,582
Filing Date:	July 13, 2007
First Named Inventor:	Bellur S. Prabhakar
Group Art Unit:	1636
Confirmation Number:	2864
Examiner Name:	Hibbert, Catherine S.
Attorney Docket Number:	21726-103049

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
/C.H./	B J	Lim et al., "Induction of Marked Apoptosis in Mammalian Cancer Cell Lines by Antisense DNA Treatment to Abolish Expression of DENN (Differently Expressed in Normal and Neoplastic Cells)," <i>Molecular Carcinogenesis</i> , 35: 110-126 (2002).		
/C.H./	B K	Lim et al., "Antisense Abrogation of DENN Expression Induces Apoptosis of Leukemia Cells in Vitro, Causes Tumor Regression In Vivo and Alters the Transcription of Genes Involved in Apoptosis and the Cell Cycle," <i>Int. J. Cancer</i> , 109: 24-37 (2004).		
/C.H./	B L	Liu et al., "Dissection of TNF Receptor 1 Effector Functions: JNK Activation Is Not Linked to Apoptosis While NF-kappaB Activation Prevents Cell Death," <i>Cell</i> , 87: 565-576 (1996).		
/C.H./	B M	LoPiccolo et al., "Targeting Akt in cancer therapy," <i>Anti-Cancer Drugs</i> , 18: 861-874 (2007).		
/C.H./	B N	Manning et al., "AKT/PKB Signaling: Navigating Downstream," <i>Cell</i> , 129: 1261-1274 (2007).		
/C.H./	B O	Mayo et al., "A phosphatidylinositol 3-kinase/Akt pathway promotes translocation of Mdm2 from the cytoplasm to the nucleus," <i>PNAS</i> , 98 (20): 11598-11603 (2001).		
/C.H./	B P	Micheau et al., "Induction of TNF Receptor 1-Mediated Apoptosis via Two Sequential Signaling Complexes," <i>Cell</i> , 114: 181-190 (2003).		
/C.H./	B Q	Mulherkar et al., "MADD/DENN splice variant of the IG20 gene is necessary and sufficient for cancer cell survival," <i>Oncogene</i> , 25: 6252-6261 (2006).		
/C.H./	B R	Mulherkar et al., "MADD/DENN Splice Variant of the IG20 Gene Is a Negative Regulator of Caspase-8 Activation," <i>The Journal of Biological Chemistry</i> , 282 (16): 11715-11721 (2007).		
/C.H./	B S	Murakami-Mori et al., "Implication of TNF Receptor-I-Mediated Extracellular Signal-Related Kinases 1 and 2 (ERK1/2) Activation in Growth of AIDS-Associated Kaposi's Sarcoma Cells: A Possible Role of a Novel Death Domain Protein MADD in TNF-alpha-Induced ERK1/2 Activation in Kaposi's Sarcoma Cells," <i>The Journal of Immunology</i> , 162: 3672-3679 (1999).		
/C.H./	B T	Nomura et al., "14-3-3 Interacts Directly with and Negatively Regulates Pro-apoptotic Bax," <i>The Journal of Biological Chemistry</i> , 278 (3): 2058-2065 (2003).		
/C.H./	B U	Ottmann et al., "Phosphorylation-independent interaction between 14-3-3 and endoenzyme S: from structure to pathogenesis," <i>The EMBO Journal</i> , 26: 902-913 (2007).		
/C.H./	B V	Pan et al., "The Receptor for the Cytotoxic Ligand TRAIL," <i>Science</i> , 276: 111-113 (1997).		
/C.H./	B W	Ramaswamy et al., "IG20 (MADD splice variant-5), a proapoptotic protein, interacts with DR4/DR5 and enhances TRAIL-induced apoptosis by increasing recruitment of FADD and caspase-8 to the DISC," <i>Oncogene</i> , 23: 6083-6094 (2004).		
/C.H./	B X	Shumueli et al., "Mdm2: p53's Lifesaver?," <i>Molecular Cell</i> , 25: 794-795 (2007).		
/C.H./	B Y	Susin et al., "Molecular characterization of mitochondrial apoptosis-inducing factor," <i>Nature</i> , 397: 441-446 (1999).		
/C.H./	B Z	Tanaka et al., "Role of Rab3 GDP/GTP Exchange Protein in Synaptic Vesicle Trafficking at the Mouse Neuromuscular Junction," <i>Molecular Biology of the Cell</i> , 12: 1421-1430 (2001).		
/C.H./	CA	Telliez et al., "LRDD, a novel leucine rich repeat and death domain containing protein," <i>Biochimica et Biophysica Acta</i> , 1478: 280-288 (2000).		
/C.H./	CB	Thornberry et al., "Caspases: Enemies Within," <i>Science</i> , 281: 1312-1316 (1998).		

EXAMINER

/Catherine Hibbert/

DATE CONSIDERED

02/27/2010

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).



Substitute for FORM 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet 4 of 4	Complete if Known	
	Application Number:	10/572,582
	Filing Date:	July 13, 2007
	First Named Inventor:	Bellur S. Prabhakar
	Group Art Unit:	1636
	Confirmation Number:	2864
	Examiner Name:	Hibbert, Catherine S.
	Attorney Docket Number:	21726-103049

OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
/C.H./	CC	Tsuruta et al., "JNK promotes Bax translocation to mitochondria through phosphorylation of 14-3-3 proteins," <i>The EMBO Journal</i> , 23 (8): 1889-1899 (2004).		
/C.H./	CD	Venables, "Aberrant and Alternative Splicing in Cancer," <i>Cancer Research</i> , 64: 7647-7654 (2004).		
/C.H./	CE	Verhagen et al., "Identification of DIABLO, a Mammalian Protein that Promotes Apoptosis by Binding to and Antagonizing IAP Proteins," <i>Cell</i> , 102: 43-53 (2000).		
/C.H./	CF	Wada et al., "Isolation and Characterization of a GDP/GTP Exchange Protein Specific for the Rab3 Subfamily Small G Proteins," <i>The Journal of Biological Chemistry</i> , 272 (7): 3875-3878 (1997).		
/C.H./	CG	Xin et al., "Nicotine Inactivation of the Proapoptotic Function of Bax through Phosphorylation," <i>The Journal of Biological Chemistry</i> , 280 (11): 10781-10789 (2005).		
/C.H./	CH	Yamaguchi et al., "The protein kinase PKB/Akt regulates cell survival and apoptosis by inhibiting Bax conformational change," <i>Oncogene</i> , 20: 7779-7786 (2001).		
/C.H./	CI	Yamaguchi et al., "A GDP/GTP exchange protein for the Rab3 small G protein family up-regulates a postdocking step of synaptic exocytosis in central synapses," <i>PNAS</i> , 99 (22): 14536-14541 (2002).		
/C.H./	CJ	Zha et al., "Serine Phosphorylation of Death Agonist BAD in Response to Survival Factor Results in Binding to 14-3-3 Not BCX-XL," <i>Cell</i> , 87: 619-628 (1996).		
/C.H./	CK	Zhai et al., "Identification of a Novel Interaction of 14-3-3 with 190RhoGEF," <i>The Journal of Biological Chemistry</i> , 276 (44): 41318-41324 (2001).		
/C.H./	CL	Zhang et al., "Mechanisms of resistance to TRAIL-induced apoptosis in cancer," <i>Cancer Gene Therapy</i> , 12: 228-237 (2005).		
/C.H./	CM	Zhou et al., "HER-2/neu induces p53 ubiquitination via Akt-mediated MDM2 phosphorylation," <i>Nature Cell Biology</i> , 3: 973-982 (2001).		
/C.H./	CN	Copy of International Search Report issued in PCT/US2004/030986 (2005).		
/C.H./	CO	Copy of International Search Report issued in PCT/US2007/060712 (2007).		

CHDS01 AOM 542444v1

EXAMINER	/Catherine Hibbert/	DATE CONSIDERED	02/27/2010
----------	---------------------	-----------------	------------

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).